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(71) 出願人; および

(72) 発明者

間瀬康文(MASE, Yasufumi)[JP/JP]

〒470-2345 愛知県知多郡武豊町字西門29番地の1 Aichi, (JP)

渡辺康洋(WATANABE, Yasuhiro)[JP/JP]

〒479-0837 愛知県常滑市新開町1丁目123番地 Aichi, (JP)

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国際調査報告書

54) Title: INFORMATION PROCESSOR FOR VISUALLY DISABLED PERSON AND TACTILE INPUT/OUTPUT DEVICE

54) 発明の名称 視覚障害者用情報処理装置ならびに触覚入出力装置

## 57) Abstract

An information processor for a visually disabled person divides information having a structure developable on a two-dimensional plane into information units of a block, maps the units to keytops settable at three levels of height from the operating plane, and makes a speech describing the attributes and contents of the information units in a low layer. Even with a limited number of keytops, a complex layer structure or a layout is effectively read and the contents can be edited by speech input means, thus enabling a visually disabled person to read and edit information efficiently. By the principle, the functions of a personal computer can be selectively used. A picture or numerical formula can be presented.

